

ABSTRACT

A radiation emitting apparatus is disclosed that emits a substantially homogenous beam of radiation from an irregularly shaped output end. As described herein, a radiation emitting apparatus includes a bundled fiberguide coupled to an energy distribution tuner. The bundled fiber guide is coupled to the energy distribution tuner to receive a substantially uniform distribution of high power energy. The bundled fiber guide is configured to distribute the energy to emit a substantially uniform distribution of lower power energy toward a target surface, such as a body surface. The bundled fiber guide may include a plurality of fused optic fibers, a plurality of beam splitting mirror elements, or tapered waveguides.